

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket Number	MEGOGRAL FOLL TO SO AT IN 200
First Named Inventor	Nicholas Dawd Peter Casioro, et al.
C	OMPLETE IF KNOWN
Application Number	
Filing Date	
Group Art Unit	
Evaminer Name	

(37 CFR 1.	.63)	Application Number		
Declaration Submitted	Declaration Submitted after Initial	Filing Date		
with Initial OR Filing	Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit		
	required)	Examiner Name		
				
As a below named inventor	r, I hereby declare tha	t:		
My residence, mailing addre	ss, and citizenship are	as stated below next to my name	e.	
			or an original, first and joint inve	
ALKYNE DERIV	ATIVES AS TRACEI	RS FOR METABOTROPIC C	GLUTAMATE RECEPTOR BIN	DING
the specification of which		(Title of the Invention)		
bears the Attorney Doc	ket Number and Title o	of the Invention noted above		
OR is attached hereto		•		
OR	10/24/2003		P. S. M. L. BOTTLA	
was filed on (MM/DD/			olication Number or PCT Internati	
Application Number PCT/ I hereby state that I have rev		vas amended on (MM/DD/YYY he contents of the above identif	ied specification, including the cla	oplicable). nims, as
amended by any amendment				·
			ion known to me to be material to	
			information which became availa ate of the continuation-in-part app	
I hereby claim foreign priorit	y benefits under 35 U.S	S.C. 119(a)-(d) or (f), or 365(b)	of any foreign application(s) for pa	atent or inventor's
			ist one country other than the Unit	
			ation on which priority is claimed	
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed? YES NO
			•	
Additional foreign applica	tion numbers are listed on	a supplemental priority data sheet I	PTO/SB/02B attached hereto.	•
I hereby claim the benefit under	35 U.S.C. 119(e) of any U	Jnited States provisional application	(s) listed below.	
Application Num	iber(s)	Filing Date (MM/DD/YYYY)	Attorney Docket	Number
60/420,809	10	0/24/2002	MS0013PV	

[Page 1 of 5]



DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

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Additiona	al U.S. or PCT int	emational app	licati	on numb	ers are lis	ted on	a supp	lementa	al priority	data sheet	PTO/S	SB/02B a	ttache	d hereto.	
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Direct all cor	respondence to:	X Custor	mer l	Number	000	0210									_
Name	David Rubin														
Address	Merck & Co., Ii	ic Patent D	Depar	tment										···-	
Address	P.O. Box 2000,	RY60-30													
City	Rahway					Sta	ite	NJ		ZIP		07065-0	907		
Country	USA		,	Tele	phone	(732):	594-26	575		Fax		(732)59	4-472	20	
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Name of Sole o	r First Invento	r:					Ap	etition	n has bee	en filed fo	r this	unsigne	d inve	entor	
	ven Name (firs	t and midd	le [if	fany])				_	F	amily Na	me o	r Surna	me		
Nicholas David	Peter					C	osfor	1			•				
Inventor's Signature				,						Date					
Residence: City	San Diego			State	CA		Cou	ntry	US		Citiz	enship	UK		
Mailing Address	Merck &	c Co., Inc.,	MRL	SDB1,	3535 Ge	neral .	Atomi	ics Co	urt						
City	San Die	go				Sı	tate	CA	ZIP	92121		Cour	ntry	U.S.A.	
X Additional	inventors are bein	g named on ti	he	3 supp	lemental	Additio	onal In	ventors	(s) sheet	(s) PTO/SB	/02A a	ttached h	ereto.		



Name of Addition	nal J	oint Inventor, if any:		A petition has been filed for this unsigned inventor					entor				
Give	n Na	ame (first and middle [if	any])	_				Fa	mily N	ame o	r Surnar	ne	
Steven Patrick					G	ovek							
Inventor's Signature			_	_					Date				
Residence: City	Del	Mar	State	CA		Count	ry U	IS		Citiz	zenship	US	
Mailing Address		Merck & Co., Inc., MRL	SDB1, 3	3535 Gei	neral A	Atomics	Cour	t					
City	:	San Diego		Stat	te C	Α	ZII	P 9212	1		Countr	y U	.S.A.
Name of Addition	nal J	oint Inventor, if any:				A pe	tition	has bee	en filed i	or this	unsigne	inve	entor
Give	n Na	ame (first and middle [if	any])					Fa	mily N	ame o	r Surnar	ne	
Theodore					K	amenec	ka						
Inventor's Signature									Date				-
Residence: City	San	Diego	State	CA		Count	ry U	IS		Citiz	zenship	us	
Mailing Address		Merck & Co., Inc., MRL	3535 Gei	neral A	Atomics	Cour	1						
City	San Diego Sta						ZIP	92121			Countr	y U	J.S.A.
Name of Addition	nal J	oint Inventor, if any:				A pe	tition	has bee	en filed f	or this	unsigne	i inve	entor
Give	n Na	ame (first and middle [if	any])					Fa	mily N	ame o	r Surnan	ne	
Jeffrey Roger					R	oppe							
Inventor's Signature									Date				
Residence: City	Ten	necula	State	CA		Count	ry U	IS		Citiz	zenship	US	
Mailing Address		Merck & Co., Inc., MRL	SDB1, 3	3535 Gei	neral A	Atomics	Cour	t					
City		San Diego			Sta	te CA		ZIP 93	2121		Countr	y U	J.S.A.
		oint Inventor, if any:				A pe	tition				unsigne		entor
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Thomas Jonathan					Se	eiders							
Inventor's Signature						٠			Date				
Residence: City	San Diego State CA					Count	ry U	ıs		Citiz	zenship	US	
Mailing Address		Merck & Co., Inc., MRL	3535 Gei	neral A	Atomics	Cour	1						
City		San Diego			Sta	te CA		ZIP	9212	l	Cou	ntry	U.S.A.



Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Bonnefous Date		_											
Name of Additional Joint Inventor, if any: State NJ ZIP 07065-0907 Country U.S.A.	Name of Addition	nal J	oint Inventor, if any:				A petiti	ion ha	as bee	en filed f	or this u	ınsigned ir	ventor
Name of Additional Joint Inventor, if any: State NJ ZIP 07065-0907 Country U.S.A.	Give	n Na	ame (first and middle [it	anvl)		—Т			Fa	mily Na	ame or	Surname	
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City San Diego State CA Country US Citizenship PK Malling Address Merck & Co., Inc., MRLSDB1, 3535 General Atomics Court City San Diego State CA ZIP 92121 Country U.S.A. Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Matthew P. Braun Inventor's Signature Residence: City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Dennis C. Dean Inventor's Signature Residence: Cranford State NJ Country U.S. Citizenship U.S. City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Date City Rahway State NJ Country U.S. Citizenship U.S. City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Date Given Name (first and middle [if any]) Family Name or Surname Residence: Cranford State NJ Country U.S. Citizenship U.S.A. Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Joseph Paul Simeone Inventor's Signature Residence: Given Name (first and middle [if any]) Family Name or Surname Given Name (first and middle [if any]) Family Name or Surname Joseph Paul Simeone Residence: Harrington Park State NJ Country U.S. Citizenship U.S. Mailing Address Merck & Co., Inc. P.O. Box 2000										Date			
City San Diego State CA ZIP 92121 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Residence: City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Residence: City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Date City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Dennis C. Inventor's Signature Residence: Cranford State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000 City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Residence: Cranford State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Joseph Paul Simeone Inventor's Signature Residence: Harrington Park State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000		San	Diego	State	CA		Country	us			Citize	nship FR	
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Given Name (first and middle [if any]) Matthew P. Inventor's Signature Residence: City Mailing Address City Rahway State NJ Country State NJ ZIP O7065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: City Rahway State NJ Country A petition has been filed for this unsigned inventor Bramily Name or Surname Dean Dean City Cranford City Rahway State NJ Country US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship US A petition has been filed for this unsigned inventor Signature Residence: City Rahway State NJ Country US Citizenship US Citizenship US City Rahway State NJ ZIP O7065-0907 Country US Citizenship US City Rahway State NJ Country Simeone Date City Rahway State NJ Country Countr	City		San Diego			Sta	ate CA		ZIP	92121		Country	U.S.A.
Matthew P. Braun	Name of Addition	nal J	oint Inventor, if any:				A petiti	ion ha	as bee	en filed f	or this u	ınsigned in	ventor
Inventor's Signature Scotch Plains State NJ Country US Citizenship US	Give	n Na	ame (first and middle [if	any])					Fa	mily Na	ame or	Surname	
Signature Residence: City Rahway State NJ Country US Citizenship US	Matthew P.					E	Braun						
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City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Dennis C. Inventor's Signature Residence: Cranford State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000 City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Simeone Date City Rahway State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Joseph Paul Simeone Residence: Harrington Park State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000		Scot	tch Plains	State	NJ		Country	US		,	Citize	nship US	;
Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Dennis C. Inventor's Signature Residence: City Mailing Address Merck & Co., Inc. P.O. Box 2000 City Rahway State State NJ Country State NJ ZIP 07065-0907 Country U.S.A. A petition has been filed for this unsigned inventor US Citizenship US Citizenship US A petition has been filed for this unsigned inventor Ocuntry US Citizenship US A petition has been filed for this unsigned inventor Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Joseph Paul Inventor's Signature Residence: City Harrington Park State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000			Merck & Co., Inc. P.O. I	0									
Given Name (first and middle [if any]) Dean Dean Dean	City		Rahway			State	, NJ	ZI	IP 0	7065-09	07	Country	U.S.A.
Dennis C. Inventor's Signature Residence: Cranford Mailing Address Merck & Co., Inc. P.O. Box 2000 City Rahway State NJ State NJ ZIP 07065-0907 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Joseph Paul Inventor's Signature Residence: City Harrington Park State NJ Country US Date Citizenship US Date Date Citizenship US Citizenship US Country U.S.A. Country U.S.A. Country U.S.A. Country U.S.A. Country U.S.A. Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000	Name of Addition	ıal J	oint Inventor, if any:				A petiti	ion ha	as bee	en filed f	or this u	ınsigned in	ventor
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Joseph Paul Inventor's Signature Residence: City Harrington Park Merck & Co., Inc. P.O. Box 2000 Simeone Country US Citizenship US Merck & Co., Inc. P.O. Box 2000	Name of Addition	ıal J	oint Inventor, if any:				A petiti	ion ha	as bee	en filed f	or this ı	ınsigned in	ventor
Inventor's Signature Residence: City Mailing Address Merck & Co., Inc. P.O. Box 2000	Give	n Na	me (first and middle [if	any])					Fa	mily Na	me or	Surname	
Residence: City Harrington Park State NJ Country US Citizenship US Mailing Address Merck & Co., Inc. P.O. Box 2000	Joseph Paul					s	imeone						
Mailing Address Merck & Co., Inc. P.O. Box 2000								Date					
Mailing Address Merck & Co., Inc. P.O. Box 2000		Harrington Park State NJ					Country	us			Citize	nship US	
City Rahway State NI ZTD 07065 0007 Country II S A		Merck & Co., Inc. P.O. Box 2000											
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Name of Additional Joint Inventor, if any: Given Name (first and middle [if any!)														
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Signature Residence: City West Point State PA Country US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship Country City Mest Point State PA ZIP 19486 Country USA A petition has been filed for this unsigned inventor Family Name or Surname Burns Date 8 - Apr - 2005 Residence: City West Point State PA ZIP 19486 Country US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship US Citizenship USA A petition has been filed for this unsigned inventor Family Name or Surname Date City West Point State PA ZIP 19486 Country U.S.A. A petition has been filed for this unsigned inventor City West Point State PA ZIP 19486 Country U.S.A. Date Citizenship Country U.S.A. Citizenship Citizenship Citizenship A petition has been filed for this unsigned inventor City Signature City State Country Signature Residence: City State Country State Country Citizenship Citizenship Citizenship Citizenship Citizenship Citizenship Citizenship Citizenship Mailing Address City State Country Citizenship							Hamill							
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Address Netter Research Latoriatories, Summertown Pike, P.O. Box 4 PA ZIP 19486 Country U.S.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname		Lan	sdale	State	PA	\	Country	yUs			Citize	nship	US	
Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Donald Inventor's Signature Residence: City West Point Given Name (first and middle [if any]) Family Name or Surname Date 8 - Apr - 2005 Citizenship US Citizenship US Citizenship US.A. Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Date Country Date City State Country Citizenship Date Citizenship Date Inventor's Signature Residence: City State Country Citizenship A petition has been filed for this unsigned inventor Family Name or Surname City Citizenship Date Country Date Citizenship Inventor's Signature Residence: City Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname City Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Family Name or Surname Citizenship Inventor's Signature State Country Citizenship Date Residence: City State Country Citizenship			Merck Research Laborato	ories, Su	mn	eytown l	Pike, P.O. B	ox 4	_					
Given Name (first and middle [if any]) Donald Burns Date S - Apr - 2vOS	City		West Point			State	PA	ZIP	194	86		Coun	itry	U.S.A.
Donald Donald Burns Bu	Name of Addition	ıal J	oint Inventor, if any:				A peti	ition h	as be	en filed f	or this u	nsigned	inver	ntor
Inventor's Signature Residence: City West Point State PA State PA Country US Citizenship US Mailing Address City West Point State PA State PA ZIP 19486 Country U.S.A. Name of Additional Joint Inventor, if any: Inventor's Signature Residence: City State State Country State Country State Country Date Citizenship Teamily Name or Surname City State Country Citizenship Mailing Address City State Country Date Country Citizenship Date Inventor's Signature State Country Date Country Citizenship Date Country Country Date Country Citizenship Country Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Date Country Citizenship Country Citizenship	Give	n Na	me (first and middle [it	fany])					Fa	amily Na	me or	Surnam	ie	
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City Mailing Address Merck Research Laboratories, Sum-sytown Pike, P.O. Box 4 City West Point State PA ZIP 19486 Country U.S.A. Name of Additional Joint Inventor, if any: Family Name or Surname City State Country Citizenship City State Country Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor City State Country Country Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Family Name or Surname Family Name or Surname Family Name or Surname Family Name or Surname City State Country Citizenship Citizenship Country Citizenship Citizenship Country Citizenship			Donald B	um	_					Date	පු-	Apr.	- 201	PS
Address City West Point State PA ZIP 19486 Country U.S.A. A petition has been filed for this unsigned inventor Given Name (first and middle [if any]) Inventor's Signature Residence: City State Country State Country Citizenship A petition has been filed for this unsigned inventor City Country Citizenship A petition has been filed for this unsigned inventor City A petition has been filed for this unsigned inventor City A petition has been filed for this unsigned inventor City Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Family Name or Surname Inventor's Signature Residence: City State Country Citizenship Citizenship Citizenship		Harl	leysville	State	PA	\	Country	yUs			Citize	nship	US	
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Inventor's Signature Residence: City Mailing Address City State State State State ZIP Country Country Name of Additional Joint Inventor, if any: Given Name (first and middle [if any]) Inventor's Signature Residence: City State Country Date Citizenship Country Country Country Citizenship A petition has been filed for this unsigned inventor Family Name or Surname Citizenship Mailing Address	Name of Addition	nal J	oint Inventor, if any:				A peti	ition h	as be	en filed f	or this u	nsigned	inver	ntor
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	DECL	ARA	TIC	N AND	Attorney Docket Number	MS0013Y	10/ 57/674	
				FORNEY R DESIGN	First Named Inventor	Nicholas Da	vid Peter Cosford, et al.	
				CATION	C	OMPLETE I	IF KNOWN	
	(37	CFI	R 1.6	3)	Application Number			
K	Declaration Submitted			Declaration Submitted after Initial	Filing Date			
	with Initial Filing	OR		Filing (surcharge (37 CFR 1.16 (e))	Group Art Unit			
				required)	Examiner Name			

As a below named inventor	r, I hereby declare t	that:										
My residence, mailing address, and citizenship are as stated below next to my name.												
I believe I am the original, finames are listed below) of the												
ALKYNE DERIV	ATIVES AS TRAC	ERS FOR	METABOTROPIC GLUI	TAMATE RECEPTOR I	INDING							
the specification of which		(Tit	le of the Invention)									
bears the Attorney Doc	ket Number and Titl	e of the Inv	ention noted above									
OR is attached hereto OR												
was filed on (MM/DD/	YYYY) 10/24/200	3	as United States Applicati	ion Number or PCT Intern	ational							
I hereby state that I have rev	iewed and understan	nd the conter	ded on (MM/DD/YYYY) $\Big[$ nts of the above identified sp		applicable). claims, as							
amended by any amendment	specifically referred	to above.										
I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.												
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.												
Prior Foreign Application Number(s)	Country		Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed?							
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.												
I hereby claim the benefit under	35 U.S.C. 119(e) of an	y United Stat		ted below.								
Application Num	nber(s)	(Filing Date MM/DD/YYYY)	Attorney Dock	et Number							
50/420,809		10/24/200	2	MS0013PV								



DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating t is not disclos 35 U.S.C. 11	m the benefit un the United States sed in the prior U 2, I acknowledg which became application.	s of America Inited States se the duty to	, liste or P disc	ed below CT inter lose info	v and, ins mational ormation	sofar a appli knov	as the cation vn to r	subject in the ne to l	et matte e manne be mate	r of each o r provided rial to pate	f the c l by the ntabil	laims of e first pa ity as de	f this a tragra fined	application ph of in	
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Addition	al U.S. or PCT int	ernational app	licati	on numb	ers are list	ted on	a supp	lement	al priorit	y data sheet	t PTO/S	SB/02B a	ttache	d hereto.	
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belief are bel the like so m	lare that all state lieved to be true ade are punishal ize the validity o	and further ole by fine o	that r imp	these sta	atements ent, or bo	were th, un	made ider 1	with t 8 U.S.	the knov	vledge tha	t willf	ul false	staten	nents and	
Name of Sole o	r First Invento	r:] A p	etitio	n has be	en filed fo	or this	unsigned	i inve	ntor	
	ven Name (firs	t and midd	le [if	any])		\perp			I	Family Na	ame o	r Surna	me		
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Joseph Paul	,				S	imeone		· · · · ·	T				
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Donald						Burns							
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		oint Inventor, if any:				A peti	tion		een filed f				ntor
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